

CLAIM AMENDMENTS

1. (Currently Amended) A method for reviewing operation of software objects in of a computer program, definitions of the software objects being stored in a library, the definitions including, methods on-of the objects and formal parameters for the methods, are stored in a library, the method comprising the acts of:

retrieving instantiating an object for review based on the definition of the object stored in the library from an object store to provide a selected object;

retrieving from an input dialog a selected method for exercising the selected instantiated object, the input dialog identifying methods of the object based on the definition of the object stored in the library;

obtaining selected an actual parameters corresponding to formal parameters specified in the definition of the object stored in the library for use in the method for exercising the selected instantiated object; and

exercising the selected instantiated object with the selected method using the selected actual parameters so that the operation of the software object is reviewed.

2. (Currently Amended) The method of claim 1 wherein the library is a type library, and the method further comprises:

creating, using information stored in the type library, an instance of the object for review; and

storing the instance of the object in the object store.

3. (Currently Amended) The method of claim 1 wherein the act of exercising creates instantiates another object that may be exercised, and the method further comprises:

storing the another object in the object store.

4. (Currently Amended) The method of claim 1 wherein the library is a type library and the act of obtaining comprises:

displaying an input dialog for a user to chose parameters using information stored in the type library or already retrieved for use with the selected method exercising the selected object.

5. (Currently Amended) The method of claim 4 wherein the act of exercising comprises:

invoking the selected method to exercise the selected instantiated object with the chosen actual parameters.

6-11 (Cancelled)

12. (Currently Amended) A method for creating a log record of a plurality of COM objects exercised by methods and parameters associated with each of the COM objects, the method comprising:

parsing COM object information into methods and parameters for each COM object;
storing the methods and parameters in a library store;

detecting an input selection indicating each-an object to be exercised ~~and the method to exercise the object~~;

creating an instance of the object to be exercised;

getting the method and parameters chosen for use with the method to exercise the instance of the object;

invoking the method with a chosen parameters to exercise the instance of the object to be exercised; and

logging the result of the exercising the instance of the object; and

repeating the detecting, creating, getting, invoking and logging acts to create a log record of the plurality of COM objects for use in debugging and adjusting the operation of the COM objects.

13. (Original) The method of claim 12 wherein the library is a type library.

14. (Cancelled)

15. (Original) The method of claim 14 further comprises:
interpreting operations performed in exercising the instance of the object; and
generating a result based upon the operations performed.

16. (Currently Amended) A computer-readable storage medium containing instructions for controlling a computer system to test a software object, by a method comprising:

instantiating an object; and

exercising the instantiated object by repeatedly:

displaying to a user a list of methods of the object;

receiving from the user a selection of a method;

receiving from the user ~~a selection of~~ actual parameters for the selected method; and

invoking the selected method of the instantiated object passing the selected actual parameters

until the methods of the instantiated object are tested.

17. (Currently Amended) The computer-readable storage medium of claim 16 including retrieving information from a type library that describes methods of the object.

18. (Currently Amended) The computer-readable storage medium of claim 16 wherein selection of the method and actual parameters ~~is~~are provided by an input dialog.

19. (Currently Amended) The computer-readable storage medium of claim 16 including repeating the instantiating and exercising for another object.

20. (Currently Amended) The computer-readable storage medium of claim 16 including logging the selection of the method and the actual parameters.

21. (Currently Amended) The computer-readable storage medium of claim 20 including logging results of the invocation.

22. (Currently Amended) A computer-readable storage medium containing instructions for controlling a computer system to test software objects, each object having methods, each method having one or more formal parameters, by a method comprising:

providing entries that specify an object, a method of the object, and an actual parameter of the method; and

for each entry,

instantiating the object of the entry;

invoking the method of the entry of the instantiated object with passing the actual parameter of the entry; and

logging results of the invocation.

23. (Currently Amended) The computer-readable storage medium of claim 22 wherein the entries are provided in a file.

24. (Currently Amended) The computer-readable storage medium of claim 22 wherein the entries are provided by a tester via an input dialog during testing of objects.

25. (Currently Amended) The computer-readable storage medium of claim 22 including for an object, retrieving information from a type library that describes methods and their formal parameters of the object.

26. (Currently Amended) The computer-readable storage medium of claim 22 wherein an entry includes multiple actual parameters.

27. (Currently Amended) The computer-readable storage medium of claim 22 including not instantiating an object that has already been instantiated.